

AMENDMENTS TO THE SPECIFICATION

Please add the following paragraphs on these lines:

Page 1, line 1:

FIELD OF THE INVENTION

Page 1, line 7:

BACKGROUND OF THE INVENTION

Page 4, line 3:

SUMMARY OF THE INVENTION

Page 10, line 4:

BRIEF DESCRIPTION OF THE DRAWINGS

Page 10, line 16:

DESCRIPTION OF PARTICULAR EMBODIMENTS

Please replace the paragraph starting on this line by the following paragraph:

Page 10, line 16:

A perfusion device to which the method constituting an object of the invention may be applied includes multiple modules (1 to 7). Each of these modules (1 to 7) has a pump (1a to 7a) delivering a liquid to be perfused in a line (11 to 17) and a pressure sensor (1b to 7b) indicating the pressure in the corresponding line. The pumps may be either volume dosing pumps, in which case they are supplied by an external source of liquid, or pumps of the syringe type, in which case the source of liquid is the syringe itself. The pressure detectors can be placed downstream from the

pump; this will generally be the case for dosing pumps. For the syringes, the detectors can be placed on the element actuating the syringe. Junction points (31, 32, 33, 34) enable connection of certain lines among each other. The modules are connected to a base unit (25) which centralizes the data from and to the various modules. It is also capable of managing data from the outside. Instead of using a base unit, it is also possible for each module to be able to communicate directly with the other modules.